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DATE: January 25, 2007

PTO IDENTIFIER: Application Number 10/519,364-Conf. #3037
Patent Number

Inventor: Ingela PETERSSON et al.

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PAGES (Including Cover Sheet): 67

CONTENTS: Fax Cover Sheet (1 page)
Certificate of Transmission (1 page)
Amendment Transmittal (1 page)
Second Preliminary Amendment (4 pages)
Substitute Specification (30 pages)
Marked-Up Substitute Specification (30 pages)

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Application No. (if known): 10/519,364

Attorney Docket No.: 0104-0496PUS1

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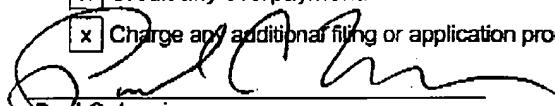
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AMENDMENT TRANSMITTAL LETTER				Docket No. 0104-0496PUS1	
Application No.	Filing Date	Examiner		Art Unit	
10/519,364-Conf. #3037	January 18, 2006	Not Yet Assigned		3762	
Applicant(s): Ingela PETERSSON et al.					
Invention: AN IMPLANT AND A METHOD FOR TREATING AN IMPLANT SURFACE					
MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
Total Claims	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
27	- 27 =	0	x 50.00	0.00	
Independent Claims	4	- 4 =	0	x 200.00	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: 0.00					
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>02-2448</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Paul C. Lewis Attorney Reg. No.: 43,368					
Dated: <u>January 25, 2007</u>					
BIRCH, STEWART, KOLASCH & BIRCH, LLP 8110 Gatehouse Road Suite 100 East P.O. Box 747 Falls Church, Virginia 22040-0747 (703) 205-8000					

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Docket No.: 0104-0496PUS1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Ingela PETERSSON et al.

Application No.: 10/519,364

Art Unit: 3762

Filed: January 18, 2006

Examiner: Not Yet Assigned

For: AN IMPLANT AND A METHOD FOR
TREATING AN IMPLANT SURFACE

PRELIMINARY AMENDMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INTRODUCTORY COMMENTS

The following preliminary amendments and remarks are respectfully submitted in connection with the above-identified application.

This amendment includes:

Amendments to the Specification; and

Remarks.